

AMENDMENTS TO THE CLAIMS

[1]-[5] (Cancelled)

[6] (Original) A cleaning device, comprising:

a cleaning unit which is provided with an open portion disposed opposite an outer circumferential portion of an image bearing member and is disposed downstream of a position for transferring to a paper a toner image which is formed on the image bearing member;

a cleaning blade which is provided in the interior of the cleaning unit and wherein an apical portion abuts the outer circumferential portion of the image bearing member, for scraping off residual toner attached to the image bearing member;

a toner catching sheet disposed upstream in a rotating direction of the image bearing member from the open portion of the cleaning unit body, said toner catching sheet being provided in the interior of the cleaning unit and parallel in a lengthwise direction to an axial direction of the image bearing member; and

a paper peeling claw provided upstream on the main body of the cleaning unit body and abuttable to the image bearing member for peeling from the image bearing member the paper onto which has been transferred the toner image when abutting the image bearing member,

said paper peeling claw being provided with a paper peeling portion for peeling the paper from the image bearing member and a vibrating portion for causing the toner catching sheet to vibrate by touching the toner catching sheet when the paper peeling portion abuts or separates from the image bearing member.

[7] (Original) The cleaning device according to claim 6, wherein the paper peeling claw is provided with the paper peeling portion and the vibrating portion with respect to a single rotating center.

[8] (Original) The cleaning device according to claim 7, wherein the paper peeling claw positions the toner catching sheet on the side of the cleaning unit through the vibrating portion touching the toner catching sheet when the paper peeling portion abuts the image bearing member, and positions the toner catching sheet on the side of the image bearing member through the vibrating portion separating from the toner catching sheet when the paper peeling portion separates from the image bearing member.

[9] (Original) The cleaning device according to claim 8, wherein the paper peeling portion and the vibrating portion are positioned sandwiching the rotating center on either side thereof.

[10] (Previously Presented) The cleaning device according to claim 6, wherein the paper peeling claw is disposed corresponding to a region in which a separating member is disposed for transporting the paper one sheet at a time to the image bearing member in the axial direction of the image bearing member.

[11] (Original) The cleaning device according to claim 6, wherein the paper peeling claw has frictional charge characteristics of the same polarity as the charge characteristics of the residual toner.